

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/IB2004/050333

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H01L21/20 C30B29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H01L C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ALONSO J C: "LOW-TEMPERATURE EPITAXIAL GROWTH OF UNDOPED AND N-DOPED SILICON BY PHOTOCHEMICAL VAPOR DEPOSITION USING SIH <sub>4</sub> /SIH <sub>2</sub> /H <sub>2</sub> /PH <sub>3</sub> MIXTURES" THIN SOLID FILMS, ELSEVIER-SEQUOIA S.A. LAUSANNE, CH, vol. 237, no. 1/2, 1994, pages 98-104, XP000429589 ISSN: 0040-6090 table 1	1-14
X		15
A	US 2003/003646 A1 (DE BOER WIEBE BARTELD) 2 January 2003 (2003-01-02) paragraph '0019!	15
X		
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- \*Z\* document member of the same patent family

Date of the actual completion of the international search

1 September 2004

Date of mailing of the international search report

09/09/2004

 Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Le Meur, M-A

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 459 122 A (IBM) 4 December 1991 (1991-12-04)	1-14
X	column 6, line 15 - line 20 abstract -----	15
A	US 5 378 651 A (AGNELLO PAUL D ET AL) 3 January 1995 (1995-01-03)	1-14
X	abstract -----	15
X	US 6 251 188.B1 (OKUBO KAZUYA ET AL) 26 June 2001 (2001-06-26) figure 1 -----	16, 17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003003646	A1	02-01-2003	EP 1377697 A1	07-01-2004
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			WO 02079551 A1	10-10-2002
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			DE 69117582 D1	11-04-1996
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			DE 69806281 D1	08-08-2002
			DE 69806281 T2	16-01-2003
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